

**DECLARATION
AND POWER OF ATTORNEY
U.S.A.**

ALL PATENTS, INCLUDING DESIGN
FOR APPLICATION BASED ON PCT; PARIS CONVENTION;
NON PRIORITY; OR PROVISIONAL APPLICATIONS

ATTORNEY'S USE ONLY

ATTORNEY'S DOCKET NO.

P64057US0

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed at 201 below), or a first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

PROCESSES FOR PRODUCTION OF IMMUNOGLOBULIN A IN MILK

101
102
103
104
105

which is described and claimed in: PCT International Application No. PCT/NZ98/00070 filed 29 May 1998
 the attached specification the specification in application (if applicable) and _____ filed November 29, 1999

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

314959

New Zealand

29 May 1997

Priority Claimed

(Number) (Country) (Day/Month/Year Filed)

Yes No

(Number) (Country) (Day/Month/Year Filed)

Yes No

(Number) (Country) (Day/Month/Year Filed)

Yes No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No. _____ Filing Date _____ Application No. _____ Filing Date _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys (Registration No.) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON JR. (20,851); D. DOUGLAS PRICE (24,514); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409)

| | | | |
|---|---|--|--|
| SEND CORRESPONDENCE TO: | DIRECT TELEPHONE CALLS TO: (please use Attorney's Docket No.) (202) 638-6666 | | |
| JACOBSON, PRICE, HOLMAN & STERN PROFESSIONAL LIMITED LIABILITY COMPANY 400 SEVENTH STREET N.W. WASHINGTON, DC. 20004 | JACOBSON, PRICE, HOLMAN & STERN PROFESSIONAL LIMITED LIABILITY COMPANY | | |

*Inventor(s) name must include at least one unabbreviated first or middle name.

| | | | | |
|-----|-------------------------|---|--|--|
| 201 | FULL NAME OF INVENTOR * | FAMILY NAME <u>HODGKINSON</u> | GIVEN NAME <u>Alison</u> | MIDDLE NAME <u>Joy</u> |
| | RESIDENCE & CITIZENSHIP | CITY <u>Hamilton</u> | STATE OR FOREIGN COUNTRY <u>NEW ZEALAND</u> | COUNTRY OF CITIZENSHIP <u>NEW ZEALAND</u> |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS <u>1076 River Road</u> | CITY <u>Hamilton</u> | STATE OR COUNTRY <u>NEW ZEALAND</u> |
| 202 | FULL NAME OF INVENTOR * | FAMILY NAME <u>HODGKINSON</u> | GIVEN NAME <u>Steven</u> | MIDDLE NAME <u>Charles</u> |
| | RESIDENCE & CITIZENSHIP | CITY <u>Hamilton</u> | STATE OR FOREIGN COUNTRY <u>NEW ZEALAND</u> | COUNTRY OF CITIZENSHIP <u>NEW ZEALAND</u> |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS <u>1076 River Road</u> | CITY <u>Hamilton</u> | STATE OR COUNTRY <u>NEW ZEALAND</u> |
| 203 | FULL NAME OF INVENTOR * | FAMILY NAME | GIVEN NAME | MIDDLE NAME |
| | RESIDENCE & CITIZENSHIP | CITY | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS | CITY | STATE OR COUNTRY |

I further declare that all statements made herein of my own knowledge are true and that all statement made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | | |
|-----------------------------|-----------------------------|-----------------------------|
| SIGNATURE OF INVENTOR 201 * | SIGNATURE OF INVENTOR 202 * | SIGNATURE OF INVENTOR 203 * |
| <u>Hodgkinson</u> | <u>Stacy</u> | |
| DATE <u>11-01-00</u> | DATE <u>17/01/90</u> | DATE |

Additional inventors are named on separately numbered sheets attached hereto.

© JPH&S 1995 8/95; 3/96; 5/98 (COPYING WITHOUT DELETIONS PERMITTED)



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 20, 2001

PTAS



101745292A

JACOBSON HOLMAN PLLC
JOHN C. HOLMAN
400 SEVENTH STREET, N.W.
WASHINGTON, DC 20004

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/05/2001

REEL/FRAME: 011873/0478
NUMBER OF PAGES: 2

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NEW ZEALAND PASTORAL AGRICULTURAL
RESEARCH INSTITUTE LIMITED

DOC DATE: 10/30/2000

ASSIGNEE:

AGRESEARCH LIMITED
5TH FLOOR, TOWER BLOCK, RUAKURA
RESEARCH CENTRE
EAST STREET
HAMILTON, NEW ZEALAND

SERIAL NUMBER: 09424246
PATENT NUMBER:

FILING DATE: 02/29/2000
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Commissioner of Patents & Trademarks **BOX ASSIGNMENTS**

Washington, D.C. 20231

FORM PTO-1619A

06-12-2001

(Rev. 6-99)

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

I document or copy thereof.

To the Honorable Commissioner



101745292

JUN 05 2001
PATENT & TRADEMARK OFFICE

1. Submission Type *L-501*
- New
- Resubmission (Non-Recordation)
Document ID # _____
- Correction of PTO Error
Reel # _____ Frame # _____
- Corrective Document
Reel # _____ Frame # _____

2. Name of Conveying Party(ies):

NEW ZEALAND PASTORAL AGRICULTURAL
RESEARCH INSTITUTE LIMITEDAdditional Name(s) of conveying party(s) attached? Yes No

3. Name and Address of Receiving Party(ies):

Name: AGRESEARCH LIMITEDStreet Address: 5th Floor, Tower Block, Ruakura
Research Centre, East StreetCity: HamiltonState/Country: New Zealand Zip: _____Additional name(s) & address(es) Yes No

4. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Date: 10302000

5. Application number(s) or patent number(s):

If this document is being filed together with a new application,

- the first execution date of the application is: _____
- the filing date of the application is: _____

A. Patent Application No.(s)
09424246

B. Patent No.(s)

6 Name and address of party to whom correspondence
concerning this matter should be mailed:**CUSTOMER NUMBER 00136**

or
JACOBSON HOLMAN PLLC
 400 Seventh Street, N.W.
 Washington, DC 20004
 Tel. 202-638-6666

Attorney Docket No. P64057US07. Number of applications and patents 18. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Any deficiencies in enclosed fees are authorized
to be charged to deposit account 06-1358

10. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.

John C. Holman #22,769

Name of Person Signing/ Reg. #

Signature

June 5, 2001

Date

Total number of pages excluding cover sheet:

-1-

I fancy



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 06, 2000

PTAS

JACOBSON, PRICE, HOLMAN & STERN, PLLC
JOHN C. HOLMAN
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004



101408305A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/22/2000

REEL/FRAME: 010918/0546
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HODGKINSON, ALISON JOY

DOC DATE: 05/24/2000

ASSIGNOR:

HODGKINSON, STEVEN CHARLES

DOC DATE: 05/24/2000

ASSIGNEE:

NEW ZEALAND PASTORAL AGRICULTURE
RESEARCH INSTITUTE LIMITED
5TH FLOOR, TOWER BLOCK, RUAKURA
RESEARCH CENTRE, EAST STREET
HAMILTON, NEW ZEALAND

SERIAL NUMBER: 09424246
PATENT NUMBER:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-20-2000

Washington, D.C. 20231

FORM PTO-1619A

(Rev. 6-99)

To the Honorable Commissioner



101408305

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Original document or copy thereof.

1. Submission Type

 New Resubmission (Non-Recordation)

Document ID # _____

 Correction of PTO Error

Reel # _____ Frame # _____

 Corrective Document

Reel # _____ Frame # _____

JUN 22 2000
PATENT & TRADEMARK OFFICE
REGISTRATION

2. Name of Conveying Party(ies):

HODGKINSON, Alison Joy

HODGKINSON, Steven Charles

Additional Name(s) of conveying party(s) attached? Yes No

3. Name and Address of Receiving Party(ies):

Name: New Zealand Pastoral Agriculture Research Institute LimitedStreet Address: 5th Floor, Tower Block, Ruakura Research Centre, East StreetCity: HamiltonState/Country: New Zealand Zip: _____Additional name(s) & address(es) attached? Yes No

4. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other: _____Execution Date: 05242000

5. Application number(s) or patent number(s):

If this document is being filed together with a new application,

 the first execution date of the application is: 01112000 the filing date of the application is: 02292000

A. Patent Application No.(s)

09424246

B. Patent No.(s)

6 Name and address of party to whom correspondence concerning this matter should be mailed:

CUSTOMER NUMBER 00136

or

JACOBSON, PRICE, HOLMAN & STERN, PLLC
400 Seventh Street, N.W.
Washington, DC 20004
Tel. 202-638-6666Attorney Docket No. P64057US0

7. Number of applications and patents

18. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Any deficiencies in enclosed fees are authorized to be charged to deposit account 06-1358

DO NOT USE THIS SPACE

10. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John C. Holman/22,769

Name of Person Signing/ Reg. #

June 22, 2000

Date

Total number of pages excluding cover sheet:

1

07/19/2000 MTHAI1 00000235 09424246

01 FC:581

JPH&S 103-11/99

40.00 0P

UNITED STATES OF AMERICA - ASSIGNMENT

(1-6) Insert Name(s) of Inventors

- (1) Alison Joy HODGKINSON
 (2) Steven Charles HODGKINSON
 (3)
 (4)
 (5)
 (6)

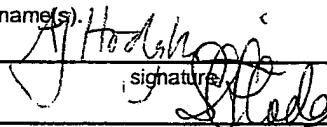
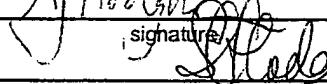
and

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to

- (7) Insert Name of Assignee (7) NEW ZEALAND PASTORAL AGRICULTURE RESEARCH INSTITUTE LIMITED
 (8) Insert Address of Assignee (8) of 5th Floor, Tower Block, Ruakura Research Centre, East Street, Hamilton, New Zealand
 (9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (9) a Corporation of NEW ZEALAND
 (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as
 (10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (10) "PROCESSES FOR PRODUCTION OF IMMUNOGLOBULIN A IN MILK"
 New Zealand App. No. 314959 filed 29 May 1997
 for which the undersigned has (have) executed an application for patent in the United States of
 Said application having been executed/filed on November 29, 1999 (and assigned
 Serial No. 09/424,246) February 29, 2000

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims provisions of the International Union for Protection of Industrial Property or similar agreements.
 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the
 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.
 6) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| | | | | |
|------|----------|------------------|---|---|
| Date | 24-05-00 | Name of Inventor | Alison Joy HODGKINSON typed name |  (SEAL) |
| Date | 24-05-00 | Name of Inventor | Steven Charles HODGKINSON typed name |  (SEAL) |
| Date | | Name of Inventor | | signature (SEAL) |
| Date | | Name of Inventor | | signature (SEAL) |
| Date | | Name of Inventor | | signature (SEAL) |
| Date | | Name of Inventor | | signature (SEAL) |

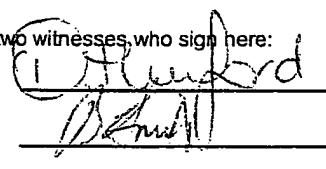
This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not,

then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

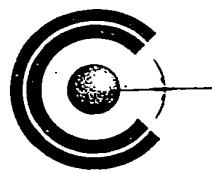
Additional inventor's names and on a separate sheet.

Witness

Witness



LAW OFFICES OF
 JACOBSON, PRICE, HOLMAN & STERN
 PROFESSIONAL LIMITED LIABILITY COMPANY
 THE JENIFER BUILDING
 400 SEVENTH STREET, N.W.
 WASHINGTON, D.C. 20004



COMPANIES
IN THE NEW ZEALAND AND
OFFICE

CERTIFICATE OF INCORPORATION

AGRESEARCH LIMITED
(HN/552736)

This is to certify that NEW ZEALAND PASTORAL AGRICULTURE RESEARCH INSTITUTE LIMITED was incorporated under the Companies Act 1955 on the 25th day of June 1992 and was re-registered under the Companies Act 1993 on the 8th day of August 1996 and changed its name to AGRESEARCH LIMITED on the 30th day of October 2000.



Neville Harris

Neville Harris
Registrar of Companies
16 May 2001